

SYSTEM FOR ACTIVATING A WEAPON WITH
AN IDENTIFICATION MECHANISM

ABSTRACT OF THE DISCLOSURE

A system for activating a weapon to a state of readiness to fire includes an identification mechanism which is carried by the user of the weapon. The identification mechanism includes a sensor configured to input an identification code, a store configured to store the identification code and a transmitter. A receiver is provided in the weapon. The transmitter sends an activation signal to the receiver upon a positive identification code comparison. The activation signal activates the weapon to a state of readiness to fire. To maintain the weapon in this activation state, the transmitter continuously emits a signal to the receiver. The receiver controls a processor which is configured to maintain the weapon in the activation state based exclusively on the strength of the signals continuously being received by the receiver. To maintain the weapon in this state, the strength of the received signals must be equal to or greater than the strength of the signals received by the receiver when the identification mechanism is at a specified distance from the weapon.